

Computation of Bankruptcy Rules

Verónica Saavedra *), Marcelo Lopez **), Claudia Necco***) and Luis Quintas*****)

Abstract: We implemented a system that computes bankruptcy rules. The implemented rules are: The Talmud, the Proportional, the Truncated Proportional, the Adjusted Proportional, the Constrained Equal Awards and the Random Arrival rule.

The system computes, compares and graphics the different allocations to claimants. We present some applications and examples exported by the system.

Keywords: Computer System – Cooperative Game Theory - Bankruptcy Rules - Allocation Problems.

*) Departamento de Ciencias Básicas
Facultad de Ingeniería y Ciencias Económico-Sociales
Universidad Nacional de San Luis
Campus Universitario, Ruta 148 y Ruta 7
5730 Villa Mercedes, San Luis

**) Instituto CAUSAY
Rio Bamba y Ruta 7
5700 San Luis

***) IMASL- Departamento de Informática
Universidad Nacional de San Luis
Ejercito de los Andes 950
5700 San Luis

****) IMASL- Departamento de Matemáticas
Universidad Nacional de San Luis
Ejercito de los Andes 950
5700 San Luis
Mailing Address: lquintas@unsl.edu.ar